From: "Oakley, Dennis" <dennis.oakley@pacificorp.com>

**To:** "Chris Imbrogno - DEQ" <cimbrogno@utah.gov>, "DEQ- Mike Herkimer"

<mherkimer@utah.gov>, "Edith Van Vleet" <evanvleet@utah.gov>

**Date:** 3/23/04 7:17AM

**Subject:** DMR Reports for the Month of February

<<Feb04.pdf>> <<FebDMR04.pdf>>

Dennis Oakley

Sr. Environmental Engineer

Energy West Mining Company 15 North Main Street Huntington, Utah 84528

e-mail: dennis.oakley@pacificorp.com

phone: 435-687-4825 cell: 435-650-9233 fax: 435-687-2695

Your behavior is a reflection of what you truly believe.

--Hyrum W. Smith--

**CC:** "Charles Semborski" <chuck.semborski@pacificorp.com>, "Dennis Oakley" <dennis.oakley@pacificorp.com>, "Douglas Johnson" <Douglas.Johnson@PacifiCorp.com>, "Kenneth Fleck" <ken.fleck@pacificorp.com>, "Pam Grubaugh-Littig" <pamgrubaughlittig@utah.gov>



March 22, 2004

Department of Environmental Quality
Division of Water Quality
288 North 1460 West
P.O. Box 144870
Salt Lake City, UT 84114 -4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Des and the Hunter Coal Preparation and Blending Facility for the month of exceedances for this reporting period

-Bee -Dove, Trail Mou  $\,$  ntain, and Wilberg mines February , 2004. There  $\,$  were no

If you have any questions concerning this report, please feel free to call either Dennis Oakley at (435) 687 -4825 or Chuck Semborski at (435) 687 -4720.

Sincerely,

Douglas E. Johnson

Manager of Administration and Technical Services

Encl

Cc: Division of Oil, Gas and Mining Coal Regulatory Program

Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114 -5801

Chuck Semborski, with enclosures Dennis Oakley, " Ken Fleck "

## Discharge Monitoring Report

Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: **Trail Mountain Mine** 

UT0023728 Permit Number

02/01/2004 02/29/2004 Monitoring Period

Sediment pond outfall into Cottonwood Ck.

001A Discharge Number No Discharge

		Quant	ity or Loading		0	antity or Con	centration				
Parameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****		1/30	Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****				1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****	******					1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	25 30 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	******	*****				1/30	Grab
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	*****	0.5 Dail	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	aft				1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	******	**	551	<b>LAP</b>	l'.4 Daily max	(19) mg/L		once/month	Grab
Oil and Grease	Sample Measurement	*****	NO	****	******	*****				0	-
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****			*****	*****				1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	5000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	*****	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exe	cutive Officer		of law that I have person			Date:	03/22/20	04		Telephone	
Dee Jense - Presider Mining Com		immediately responsible information is true, acc for submitting false information	ed herein; and based on r e for obtaining the informurate and complete. I am ormation, including the p	nation, I believ a aware that th ossibility of fin	the submitted here significant penalties he and imprisonment.	Dougle	as Eph	D01	435	687-	9821
Typed or Prin			1001 and 33 USC paragrap to \$10,000 and or maxin				incipal Executive Off nthorized Agent	icer or	Area Code	Nu	mber

Comments and explanation of any violations:

During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

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			Dis	charge	Monitoring	Report					
Name: PacifiCorp, Ene Address: P.O. Box 310	rgy West Mining O	Company		Ü	•						
Huntington, Uta Facility: Trail Mountain			UT0023728 Permit Number	]	02/01/2004 Monitorii	02/29/2004 ng Period	3	Discha	002 rge Number		No Discharge
Parameter		Quant	ity or Loading		Qu	antity or Co	ncentration			Frequency of	
Turunceci		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****		2/30	Measurd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		twice/month	Estimated
pН	Sample Measurement	*****	*****	****		*****				2/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	******					2/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day avg	70 daily max	(19) mg/L		twice/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	******	*****				**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	0.5 Dai	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	aft	שנ			2/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	_*****	**		ة	l.4 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease	Sample Measurement	*****	NO	****	*****	*****				**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	******	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****				2/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	******	1200 Daily max	(19) mg/L		twice/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	******	******	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	******	******	****		Weekly	Visual
Name/Title Principal Exc	ecutive Officer		of law that I have person ted herein; and based on			Date:	03/22/20	04		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, acc	e for obtaining the information, including the properties of the complete. I are compared to the properties of the prope	nation, I believ n aware that th	e the submitted nere significant penalties	Dougla	Sphra	-	435	687-	-9821
			1001 and 33 USC paragra to \$10,000 and or maxin				rincipal Executive Off uthorized Agent	icer or	Area Code	Nu	mber
Typed or Pri							autoriza Agent		L	<u> </u>	
Comments and explanati Sample for oil and great			served								

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Page 2 of 2

Name: PacifiCorp, Ener	gy West Mining (	Company	יע	iscnarg	ge Monttorii	ig Keport		Deer Creel	Mine Discharg	e	
Address: P.O. Box 310 Huntington, Utah Facility: Deer Creek Min		, ,	UT0023604 Permit Number	]	02/01/2004 Monitori	02/29/2004 ng Period	]		002 ge Number		No Discharge
Parameter		Quant	ity or Loading		Qu	antity or Cor	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement	0.3	0.3		*****	*****	*****	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****	6.52	*****	6.52		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	*****	*****	N/A		***	****	****
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	******	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	0.47	0.47		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	******	****	*****	*****	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	******	*****	10 Daily max	(19) mg/L		See Permit	Grab
Solids, Total Dissolved 180 °C	Sample Measurement	*****	*****	****	******	N/A	395		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	******	******	****	******	800 Qrtr avg	1000 Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	******	*****	*****	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exec	cutive Officer		of law that I have person ed herein; and based on r			Date:	03/22/20	04		Telephone	
Dee Jense - Presiden Mining Com		immediately responsible information is true, according submitting false info	e for obtaining the information and complete. I am mation, including the po	nation, I believ n aware that th ossibility of fir	ve the submitted here significant penalties he and imprisonment.	Dougla	s Ephra	_	435	687-9	821
Typed or Print	. ,		001 and 33 USC paragrap to \$10,000 and or maxin			Signature of Principal Executive Officer or Authorized Agent  Area Code Number					
Comments and explanation Sample oil and grease only	n of any violatio		e is another reasor	n to believe	oil is present. Fill i	n N/A when a test	is not performed.				

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			D	ischarg	ge Monitori	ng Report					
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Utal: Facility: Deer Creek Min	84528	Company	UT0023604 Permit Number	]	02/01/2004 Monitori	02/29/2004 ing Period	3	Dischar	001 ge Number		No Discharge
Parameter		<u> </u>	ity or Loading	,	,	iantity or Coi		This		Frequency of	
	Sample	Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate 00056 1 0 0	Measurement Permit	0.036	0.036		******	*****	*****	****	0	1/30	Measured
Effluent Gross Value	Requirement	Report 30 day avg	Report Daily max	mgd	******	*****	******	****		once/month	Estimated
pH	Sample Measurement	*****	*****	****	7.86	*****	7.86		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	7	7	7		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	25 30 day avg	35 max 7 day avg	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	0.26	0.26		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	****	*****	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Oil and Grease Freon Extr-Grav Method	Sample Measurement	*****	*****	****	******	*****	N/A		***	**	**
00556 0 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
180 °C	Sample Measurement	******	1195		*****	4011	*****		0	1/30	Grab
70300 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	*****	Report 30 day avg	Daily max	(19) mg/L		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	*****	*****	*****	****	0	4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	******	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual
Name/Title Principal Exec	utive Officer		of law that I have persor ted herein; and based on			Date:	03/22/20	04		Telephone	
Dee Jense - Presiden Mining Comp		immediately responsible information is true, according to submitting false information in the control of the co	e for obtaining the information and complete. I are formation, including the p	nation, I believ n aware that th cossibility of fir	we the submitted here significant penalties he and imprisonment.	Dugla	o Ephra	-	435	687-9	821
Typed or Print			1001 and 33 USC paragra p to \$10,000 and or maxii				rincipal Executive Off authorized Agent	icer or	Area Code	Num	aber
Comments and explanation Sample oil and grease onli			re is another reason	n to believe	oil is present. Fill i	n N/A when a test	is not performed.				

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	Discharge Monitoring Report										
	ergy West Mining	Company				•	Minor				
Address: P.O. Box 310 Huntington, Uta	ah 84528		UT0022896	1	02/01/2004	02/29/2004			001	1	No Discharge
Facility: Cottonwood/V	Vilberg Mine		Permit Number	_	Monitori	ng Period		Discha	rge Number	]	
Parameter		Quan	tity or Loading	i	01	antity or Co	ncentration				
rarameter		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.018	0.018		******	*****	*****	****	0	1/30	Measured
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****	7.2	*****	7.2		0	1/30	Grab
00400 1 0 0 Effluent Gross Value	Permit Requirement	******	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	<5	<5	<5		0	1/30	Grab
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	25 30 day avg	35 7 day max	70 daily max	(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****	< 0.05		0	1/30	Grab
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	*****	1.8 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	116		*****	*****	*****	****	0	1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	******	****		once/month	Grab
Oil and Grease	Sample Measurement	*****	*****	****	*****	*****	N/A		***	**	**
03582 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	10 Daily max	(19) mg/L		See Permit	Grab
Oil and Grease, Visual	Sample Measurement	*****	0	(94)	******	*****	*****	****	0	4/30	Visual
84066 0 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	*****	******	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Ex	ecutive Officer		of law that I have persor tted herein; and based on			Date:	03/22/20	004		Telephone	
Dee Jense - Preside Mining Con		immediately responsib information is true, ac for submitting false in	ole for obtaining the information, including the properties of the	nation, I believ n aware that th cossibility of fir	the submitted here significant penalties he and imprisonment.	Dougla	is Ephra	~	435	687-	9821
Typed or Pri	nted		1001 and 33 USC paragra up to \$10,000 and or maxis				rincipal Executive Of authorized Agent	icer or	Area Code	Nu	mber
Comments and explanat If oil and grease sheen is	ion of any violati		and this must be less	than 10 m	g/L.				l		
L											

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			Di	scharge	e Monitorin	g Report						
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Utal	gy West Mining C	Company	UT0022896	1	02/01/2004	02/29/2004	Minor		003	1	No Discharge	
Facility: Cottonwood/Wi			Permit Number	]	Monitorii				ge Number		X	
Parameter		Quant	ity or Loading		Qı	antity or Con	centration			Frequency of		
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type	
Flow Rate	Sample Measurement				*****	******	******	****		1/30	Measured	
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	*****	*****	*****	****		once/month	Measured	
pН	Sample Measurement	*****	******	****		*****				1/30	Grab	
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab	
Solids, Total Suspended	Sample Measurement	*****	******	****						1/30	Grab	
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	25 30 day avg	35 7 day <b>x</b>		(19) mg/L		once/month	Grab	
Settleable Solids	Sample Measurement	*****	******	****			190			1/30	Grab	
00545 R 0 0 Effluent Gross Value	Permit Requirement	******	****	<b>A</b>	IJ 5	*******	0.5 Daily max	(25) mL/L		once/month	Grab	
Iron, Total (as Fe)	Sample Measurement	******	*****	<b>V</b>	*****					1/30	Grab	
01045 10 0 Effluent Gross Value	Permit Requirement	******	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab	
Solids, Total Dissolved	Sample Measurement	******			*****	******	*****	****		1/30	Grab	
70295 1 0 0 Effluent Gross Value	Permit Requirement	******	2000 Daily max	(26) lbs/day	******	******	*****	****		once/month	Grab	
Oil and Grease, Visual	Sample Measurement	******		(94)	*****	******	*****	****		4/30	Visual	
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	*****	*****	****		Weekly	Visual	
Name/Title Principal Executive Officer   Lectify under penalty of law that 1 have personally examined and am familiar with   Date: 03/22/2004   Telephone												
Dee Jense - Presiden Mining Comp		immediately responsibl information is true, acc for submitting false info	bmitted herein; and based on my inquiry of those individuals nsible for obtaining the information. I believe the submitted , accurate and complete. I am aware that there significant penalti e information, including the possibility of fine and imprisonment.			Dougla	as Ephra	***	435	687-9821		
			1001 and 33 USC paragra to \$10,000 and or maxis				rincipal Executive Off uthorized Agent	ficer or	Area Code	Nu	mber	
Typed or Prin						1	• • •					
	aments and explanation of any violations:  land grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.											

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			Dis	charge	Monitorin	g Report					
Name: PacifiCorp, Energ Address: P.O. Box 310 Huntington, Utah Facility: Cottonwood/Wilb	84528	Company	UT0022896 Permit Number		02/01/2004 Monitori	02/29/2004 ng Period	Minor		004 rge Number		No Discharge
Parameter		Quant Average	ity or Loading	Units	Qu Minimum	antity or Con Average	centration Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	******	******	****		once/month	Measured
pH	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	******	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	******	****		_	-40				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	******	****	25 30 day	35		(19) mg/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	******	****	<b>NIS</b>						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	****	<b>U</b>	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	<b>P</b> -		*****	******	*****	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	******	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	*****	******	*****	****		4/30	Visual
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	*****	******	*****	****		Weekly	Visual
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Execu	utive Officer		of law that I have person nerein; and based on my i			Date:	03/22/200	)4		Telephone	
Dee Jense - President Mining Comp		immediately responsible information is true, acc for submitting false info	e for obtaining the inform urate and complete. I am ormation, including the p	ation, I believe aware that the assibility of fin	e the submitted ere significant penalties e and imprisonment.	Dough	las Eph.		435	687-	9821
Typed or Print			1001 and 33 USC paragrap to \$10,000 and or maxin				ncipal Executive Officitorized Agent	cer or	Area Code	Nu	mber
Comments and explanation If oil and grease sheen is o	n of any violatio	ons:	nd this must be less	than 10 mg	y/L,	<u> </u>			1		

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Revised 1-02

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			Di	scharge	e Monitorin	g Report					
Address: P.O. Box 310	rgy West Mining	Company		_			Minor			_	
Huntington, Utal Facility: Cottonwood/W			UT0022896 Permit Number		02/01/2004 Monitori	02/29/2004 ng Period	}	Discha	005 rge Number		No Discharge
Parameter		Quant	tity or Loading	5	Qı	ıantity or Coı	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				******	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	(03) mgd	******	*****	*****	****		once/month	Measured
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU		once/month	Grab
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****		0				
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****		- m 1		7 day max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****			<del>SCI</del> I	******	NR				
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	Mn	****	******	*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******						
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	Report 30 day avg	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****			******	*****	******	****		1/30	Grab
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	*****	****		once/month	Grab
Oil and Grease, Visual	Sample Measurement	*****		(94)	******	*****	*****	****			
84066 1 0 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes =1 no=0	******	******	******	****		Weekly	Visual
Name/Tital Principal Exe	ecutive Officer		of law that I have person tted herein; and based on			Date:	03/22/20	04		Telephone	
Dee Jense - Presider Mining Com		immediately responsib information is true, ac for submitting false in	le for obtaining the infon curate and complete. I as formation, including the p	nation, I believ n aware that th possibility of fir	ve the submitted nere significant penalties ne and imprisonment.	Dough	las Eph	D07	435	687-	9821
Typed or Prin			1001 and 33 USC paragra up to \$10,000 and or maxi				rincipal Executive Off uthorized Agent	icer or	Area Code	Nu	mber
Comments and explanation If oil and grease sheen is	on of any violati		and this must be less	sthan 10 m	g/L.						

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v.3-99) Revised 1-02

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			Di	scharge	e Monitoring	g Report					
	ergy West Mining	Company						Minor			
Address: P.O. Box 310	1.04500		X 77700000000	_	00.01.0001	00.000.000.4	<b>a</b>		ombination 002,	.003, & 005	
Huntington, Uta Facility: Cottonwood/W			UT0022896 Permit Number		02/01/2004 Monitorin	02/29/2004	1		JM A ge Number		No Discharge
racinty. Cottonwood vi	interg wine		I CITIBLE INCHIBECT	_1	IVIOIIIOIII	grenou	_	Dischar	ge ivulibei		$\mathbf{X}_{-}$
Parameter		Quan	itity or Loading	g	Qu	antity or Con	centration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Solids, Total Dissolved	Sample Measurement				*****	*****	*****				
70295 100	Permit	Report	2000	(26)	******	******	*****	****		once/month	Grab
Effluent Gross Value	Requirement Sample	30 day avg	Daily max	lbs/day							
	Measurement										
	Permit Requirement		FI			0 يد ـ					
	Sample				L	A FU	1				
	Measurement					713					
	Permit Requirement			l	りにいい						
	Sample				,,	<u> </u>	17				
	Measurement			י עו	1 _	RUV	,—				
	Permit				-07	(A)					
	Requirement Sample				<del>AIIJ1</del>						
	Measurement				Do.						
	Permit			71) <b>,</b>							
	Requirement		- FJ	7							
	Sample Measurement										
	Pemit										
	Requirement										
	Sample										
	Measurement Permit										
	Requirement										
Name/Title Principal Ex	ecutive Officer		ty of law that I have perso			Date:	03/22/20	04		Telephone	
Dee Jense - Preside Mining Con		immediately respons information is true, a for submitting false i	nitted herein; and based or ible for obtaining the infor accurate and complete. I a information, including the	mation, I believ m aware that the possibility of fir	we the submitted here significant penalties he and imprisonment.	Dong	las Eph	2	435	687-	-9821
		statutes include fines	th 1001 and 33 USC paragr sup to \$10,000 and or max				incipal Executive Off	licer or	Area Code	Nu	mber
Typed or Pri		months and 5 years	.)			, at	gcm				
Comments and explanati											
Total discharge of TDS	trom outfalls 00	2,003, and 005 s	shall not exceed 2,0	00 lbs/day c	luring draw down.						

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 Revised 1-02
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			Di	scharge	Monitoring	g Report					
Name: PacifiCorp, End Address: P.O. Box 310 Huntington, Ut Facility: <b>Des Bee Dove</b>		Company	UTG040022 Permit Number	]	02/01/2004 Monitoria	02/29/2004 ng Period	3	Discha	001 rge Number	]	No Discharge
Parameter		Quan	tity or Loading	Į.	Qu	antity or Con	centration			Frequency of	
1 414110001		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	******		-10		****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 da		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	******	****	nis	Clic	****		****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	****	0		*****	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	******	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	******	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	******	0 inst max	(94) yes =1 no=0	******	*****	******	****		Weekly	Visual
Name/Title Principal Ex	ecutive Officer		of law that I have person tted herein; and based on			Date:	03/22/200	04		Telephone	
Dee Jense - Preside Mining Con		immediately responsib information is true, ac for submitting false in	ole for obtaining the infon occurate and complete. I as formation, including the p 1001 and 33 USC paragra	mation, I believ m aware that the possibility of fir	ve the submitted nere significant penalties ne and imprisonment.	0		De74	435	687-	-9821
Typed or Pri	inted		up to \$10,000 and or maxi				incipal Executive Offi uthorized Agent	cer or	Area Code	Nu	ımber
Comments and explanat Oil and grease not to exc	ion of any violation		Settleable solids sha	all be measu	red during storm v	vater discharge.			1		

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			D is	charge	e Monitoring	g Report					
Name: PacifiCorp, Ener Address: P.O. Box 310 Huntington, Utal Facility: Hunter Coal Pro	184528	Company	UTG040009 Permit Number	]	02/01/2004 Monitorii	02/29/2004 ng Period	3		001 rge Number		No Discharge
Parameter		Quant	ity or Loading	,	Qu	antity or Co	ncentration			Frequency of	
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	******	******	****			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	******	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		******					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	25 30 day av <u>g</u>	70 daily max	(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****			rue	7	****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	******		1115	Clir	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	IU	******	******			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	******	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	******	*****	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	*****	*****	*****	***		Weekly	Visual
Name/Title Principal Exec	cutive Officer		of law that I have person ed herein; and based on a			Date:	03/22/20	04		Telephone	
Dee Jense - Presiden Mining Com		immediately responsible information is true, according submitting false info	e for obtaining the inform rurate and complete. I am ormation, including the p 1001 and 33 USC paragrap	nation, I believ a aware that the assibility of fir	we the submitted here significant penalties ne and imprisonment.	Dugle	as Ephro	-	435	687-	-9821
Typed or Prin	ted		o to \$10,000 and or maxin				rincipal Executive Off uthorized Agent	icer or	Area Code	Nu	mber
Comments and explanation Oil and grease not to exce			ettleable solids sha	II be measu	red during storm v	vater discharge.					

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			Dis	charge	Monitoring	Report					
Name: PacifiCorp, Ene Address: P.O. Box 310 Huntington, Uta	rgy West Mining C h 84528	Company	UTG040009	1	09/01/2003	09/30/2003	<b>ו</b>		002	1	No Discharge
	reparation Plant		Permit Number		Monitorir	g Period	1	Discha	rge Number	]	X.
Parameter		Quant	ity or Loading		Qu	antity or Con	centration			Frequency of	
1 11 11 11 11 11 11		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				*****	*****	*****	***			
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*****	*****	*****	****		once/month	Estimated
pН	Sample Measurement	*****	*****	****		*****					
00400 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	6.5 Inst min	*****	9.0 Inst max	(12) SU			
Solids, Total Suspended	Sample Measurement	*****	*****	****	*****				****	****	****
00530 1 0 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	25 30 day av		(19) mg/L		once/month	Grab
Settleable Solids	Sample Measurement	*****	*****	****	nic				****		
00545 R 0 0 Effluent Gross Value	Permit Requirement	*****	*****		Die.	******	0.5 Daily max	(25) mL/L		once/month	Grab
Iron, Total (as Fe)	Sample Measurement	*****	*****	****	*****	*****			****	****	****
01045 10 0 Effluent Gross Value	Permit Requirement	*****	*****	****	*****	*****	1.0 Daily max	(19) mg/L		once/month	Grab
Solids, Total Dissolved	Sample Measurement	*****	*****	****	*****	*****					
70295 1 0 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	(26) lbs/day	******	*****	Report Daily max	(19) mg/L		once/month	Grab
	Sample Measurement	*****		****	*****	*****	******	****			
Oil and Grease, Visual 84066 100 Effluent Gross Value	Permit Requirement	*****	0 inst max	(94) yes =1 no=0	******	*****	*****	****		Weekly	Visual
Name/Title Principal Exc	ecutive Officer		of law that I have person ed herein; and based on			Date:	03/22/20	04		Telephone	
Dee Jense - Preside Mining Com		immediately responsible information is true, according to the submitting false info	e for obtaining the information and complete. I an ormation, including the p	nation, I believe n aware that the cossibility of fire	we the submitted here significant penalties he and imprisonment.	Dougla	is Ephra	o	435	687-	9821
Typed or Pri			1001 and 33 USC paragra to \$10,000 and or maxin				incipal Executive Off othorized Agent	icer or	Area Code	Nu	mber
Comments and explanati Oil and grease not to exc			ettleable solids sha	ll be measu	red during storm w	ater discharge.				•	

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